

1. Identification of the substance and of the company/undertaking

Product identifier

Trade name: Rifino Top

Relevant identified uses of the substance and uses advised against
Use of the substance/preparation: building material

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Saint-Gobain Rigips GmbH
Schanzenstraße 84
D-40549 Düsseldorf
Germany

Information contact and emergency telephone number

Saint-Gobain Rigips GmbH –
Ladenburg Development Center – Gypsum Development
Dr.-Albert-Reimann-Straße 20
D – 68526 Ladenburg; Germany
+49(0)621-4701691
Email forschung-entwicklung@rigips.de

Emergency telephone number:

Tel +49 (0)621 4701691 (only at daily working-times)

Common European Emergency Number: 112

2. Hazards identification

Classification of the substance

Classification according to regulation (EC) Nr. 1272/2008

This substance is not classified according to the CLP regulation

Label elements

Labelling according regulation (EC) No. 1272/2008 void

Hazard pictograms void

Hazard-determining components of labelling void

Signal word void

Hazard statements void

Other hazards

No special remarkable hazards. Please observe the information given in this safety data sheet.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients

Chemical characterization: Mixtures

Description:

Mixture of calcium sulphate of different hydrate levels with additives such as mineral fillers, additives, polymer powders.

CAS: 7778-18-9 calcium sulphate
EINECS: 231-900-3
Reg.nr.: 01-2119444918-26-XXXX

Dangerous components: Void

Remark: Materials with a threshold value for exposure in the workplace – see point 8.

4. First aid measures

Description of first aid measures

General information: No special measures required

After inhalation: Supply fresh air; consult doctor in case of complaints

After skin contact: Wash off with water and soap

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor

After swallowing: Rinse out mouth and then drink plenty of water. Get medical attention

Most important symptoms and effects, both acute and delayed:

No further relevant information available

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents:

All extinguishing agents are suited. Use fire extinguishing methods suitable to surrounding conditions

For safety reasons unsuitable extinguishing agents: none

Special hazards arising from the substance or mixture: none

Advice for fire fighters

Special protective equipment for fire-fighters:

No special measures required

Additional information:

The product is not flammable. Product sets/hardens in contact with water

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes
Product forms slippery surface when combined with water
Avoid formation of dust

Environmental precautions:

Do not allow to enter sewers/ surface-water or ground-water

Methods and materials for containment and cleaning up:

Pick up (dry) mechanically

Reference to other sections:

Product sets/hardens in contact with water

7. Handling and storage

Precautions for safe handling

Prevent formation of dust

Information about fire- and explosion protection

No special measures are required.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

No special requirements

Information about storage in one common storage facility

Not required

Further information about storage conditions

Store in dry conditions. Keep container tightly sealed

Storage class

Non-combustible solids.

Specific end use(s)

No further relevant information available

8. Exposure controls / personal protection

Additional information about design of technical facilities:

No further data; see chapter 7

Control parameters

Ingredients with limit values that require monitoring at the workplace:

Occupational exposure limits (based on lists valid in Germany)

Calciumsulphate

Limit value (based on TRGS 900-listings valid in Germany): 6 mg/m³ (A; alveolar fraction)

Dust (respirable fraction)

Limit value (based on TRGS 900-listings valid in Germany): 1,25 mg/m³ (A; alveolar fraction)

Dust (inhalable fraction)

Limit value (based on TRGS 900-listings valid in Germany): 10 mg/m³ (E; inhalable fraction)

Additional information:

The lists valid during the making were used as basis

Exposure controls

General protection and hygiene measures:

The usual precautionary measures are to be adhered to when handling chemicals

Personal protection equipment

Respiratory protection: Wear dust mask FFP1 if dust forms

Protection of hands: Wear protective gloves if exposed to prolonged or repeated contact. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves: Cotton gloves impregnated with nitrile

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

Eye protection: In case of product splashes use protective glasses

Body protection: Protective work clothing

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Physical state: Solid, Crystalline powder

Colour: white, yellowish, white-beige

Odour

neutral

pH-value (100 g/l); 20 °C:

as supplied not applicable

in aqueous suspension 7 – 9

Change in condition

Melting point/ Melting range: not applicable

Boiling point/ Boiling range: not applicable

Flash point: not applicable

Flammability: not applicable

Self-igniting: Product is not self-igniting

Danger of explosion: Product does not present an explosion hazard

Solubility in water: app. 2g/l

Other information

Thermal decomposition of gypsum
to CaSO₄ and H₂O starting at app. 140°C
to CaO and SO₃ starting at app. 1000 °C

10. Stability and reactivity

Reactivity

No further relevant information available

Chemical stability

Thermal decomposition/ conditions to be avoided

No decomposition if used and stored according to specifications

Avoid damp conditions

Possibility of hazardous reactions

No dangerous reactions known

Incompatible materials

None known

Hazardous decomposition products

No dangerous decomposition products known

11. Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met

Primary irritant effect

Skin irritation:

Based on available data, the classification criteria are not met

Serious eye irritation:

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met

Additional toxicological information

Non-toxic

CMR effects (carcinogenicity, mutagenicity, and toxicity for reproduction)

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Carcinogenicity:

Based on available data, the classification criteria are not met

Reproductive toxicity:

Based on available data, the classification criteria are not met

STOT-single exposure:

Based on available data, the classification criteria are not met

STOT-repeated exposure:

Based on available data, the classification criteria are not met

Aspiration hazard:

Based on available data, the classification criteria are not met

12. Ecological information

Toxicity

Aquatic toxicity

No further relevant information available

Persistence and degradability:

No further relevant information available

Bioaccumulative potential:

No further relevant information available

Mobility in soil:

No further relevant information available

Additional ecological information

General notes:

Do not allow product to reach ground water, water course or sewage system.

Results of PBT- und vPvB- assesment

PBT: not applicable

vPvB: not applicable

Other adverse effects

No further relevant information available

13. Disposal considerations

Waste treatment methods

Product:

Waste disposal according to official regulations

List of proposed waste codes/ waste designations in accordance with EWC

EWC waste disposal No: 170801, 170802, 170107, 170904.

The mentioned waste-classes are only an advice because according to EC-Law the waste-class must be defined by the origin of the waste. The correct waste code may differ and must be classified by the waste owner. The waste-disposer and the municipal waste offices will help

Attention: Observe local regulations and laws!

Uncleaned packaging

Recommendation

Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning

14. Transport information

Not a dangerous good according to the regulations ADR (agreement concerning the international carriage of dangerous goods by road), IMDG (transport of dangerous goods by waterways - International Maritime Dangerous Goods) and IATA (transport of dangerous goods by air).

| | | |
|---|----------------|----------------|
| UN-number ADR, IMDG, IATA: | void | |
| UN proper shipping name ADR, IMDG, IATA: | void | |
| Transport hazard class ADR, IMDG, IATA class: | void | |
| Packing group ADR, IMDG, IATA : | void | |
| Environmental hazards: | not applicable | |
| Special precautions for users: | not applicable | |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | | not applicable |
| UN „Model Regulation“: | - | |

15. Regulatory information

Safety, health and environmental regulations/legislations specific for the substance

EU regulations:

This substance is not classified as hazardous according to EU-regulations

National Regulations

Water hazard class (according to German law):
WGK 1, slightly water hazardous (Classification according to VwVwS, Annex 4)

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other information

Indication of changes

safety data sheet acc. 1907/2006/EG; Annex II, as amended (EU 2015/830)

Relevant H-statements (number and full text)

void

Department issuing MSDS:

Saint-Gobain Rigips GmbH, Department: Ladenburg Development Center – Gypsum Development (LDC-GD); 68526 Ladenburg

Point of contact:

See point 1

Information and instructions provided in this SDS are based on the current state of scientific and technical knowledge at the date of issue indicated. It should not be construed as any guarantee of technical performance, suitability for particular applications, and does not establish a legally valid contractual relationship.